

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 May 2004 (13.05.2004)

PCT

(10) International Publication Number
WO 2004/039808 A2

(51) International Patent Classification⁷: **C07D 473/00**

(IN). KUMAR, Yatendra [IN/IN]; U-26/5, Phase - III, DLF Qutab Enclave, 122002 Gurgaon, Haryana (IN).

(21) International Application Number:
PCT/IB2003/004866

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 31 October 2003 (31.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1097/DEL/2002 31 October 2002 (31.10.2002) IN

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): RAN-BAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110019 New Delhi, Delhi (IN).

(72) Inventors; and

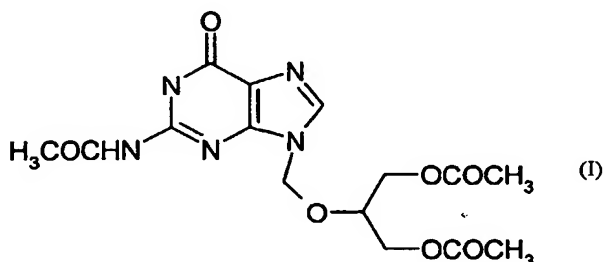
(75) Inventors/Applicants (*for US only*): BABU, Jayachandra, Suresh [IN/IN]; C-237, Sushant Lok, Phase - I, 122002 Gurgaon, Haryana (IN). RAY, Purna, Chandra [ID/IN]; 8076, Sector - D, Pocket - 8, Vasant Kunj, 110070 New Delhi, Delhi (IN). KHANDURI, Chandra, Has [IN/IN]; D-1952, Palam Vihar, 122001 Gurgaon, Haryana

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF GANCICLOVIR



(57) Abstract: The present invention relates to a process for the preparation of N2-Acetyl-9-(1,3-diacetoxy-2-propoxymethyl) guanine, referred to here as N-9 alkylated isomer of structural formula I, and to the use of this compound as an intermediate for the preparation of antiviral compound, ganciclovir.